Amendments to and Listing of the Claims:

This listing of claims replaces all prior versions and listings of claims in this application.

Listing of Claims:

1. (Previously Presented) An image forming apparatus, comprising:

a photoconductive body on which an electrostatic latent image can be formed;

a developing member that causes developer to adhere to the electrostatic latent image to develop the electrostatic latent image;

a developer-supplying member that supplies the developer to said developing member;

a current measuring section that measures a current flowing through said developing member; and

a voltage-setting section that sets said developer-supplying member to a corresponding one of first voltages, the corresponding one of first voltages being set in accordance with the current in timed relation with development of the electrostatic latent image.

2. (Previously Presented) The apparatus according to Claim 1, wherein said current measuring section measures the current in at least one of a non-image forming mode where the electrostatic latent image is not formed on said photoconductive body and a solid-image forming mode where a solid electrostatic latent image is formed on a substantially entire surface of said photoconductive body.

3. (Canceled)

4. (Previously Presented) An image forming apparatus, comprising:

a photoconductive body on which an electrostatic latent image can be formed;

a developing member that causes developer to adhere to the electrostatic latent image to develop the electrostatic latent image;

a developer-supplying member that supplies the developer to said developing member;

a current measuring section that measures a current flowing through at least one of said developing member and said developer-supplying member; and

a voltage-setting section that sets at least one of said developing member and said developer-supplying member to a corresponding one of first voltages, the first voltages being set in timed relation with development of the electrostatic latent image,

wherein said current measuring section measures the current both in a non-image forming mode where the electrostatic latent image is not formed on said photoconductive body and a solid-image forming mode where a solid electrostatic latent image is formed on a substantially entire surface of said photoconductive body.

5. (Canceled)

6. (Currently Amended) The apparatus according to Claim 4, wherein said ~~voltage setting~~ voltage-setting section sets the corresponding one of the first voltages based on a difference in the current between the non-image forming mode and the solid-image forming mode.

7. (Currently Amended) The apparatus according to Claim 10,

wherein the current is ~~a current flowing through said developing member and is~~ measured in ~~the~~ a non-image forming mode; and

wherein when the current is larger than a predetermined value, said ~~voltage setting~~ voltage-setting section increases an absolute value of the voltage supplied to said charging member by a predetermined first value.

8. (Canceled)

9. (Currently Amended) The apparatus according to Claim 10,

wherein ~~said current measuring section measures a first current that flows through said developing member and a second current that flows through said developer-supplying member, the first current and the second~~ the current ~~being~~ is measured in ~~the~~ a non-image forming mode; and

wherein when the current is larger than a predetermined value, said ~~voltage setting~~ voltage-setting section either increases an absolute value of the voltage supplied to said charging

member by a predetermined first value or decreases by a predetermined second value an absolute value of ~~a corresponding one of voltages~~ the voltage supplied to said ~~developing member and said~~ developer-supplying member.

10. (Currently Amended) An image forming apparatus, comprising:

a photoconductive body including a surface on which an electrostatic latent image is formed;

a charging member that charges the surface of said photoconductive body;

a developing member that causes developer to adhere to the electrostatic latent image to develop the electrostatic latent image;

a developer-supplying member that supplies the developer to said developing member;

a current measuring section that measures a current flowing through ~~at least one of said developing member and~~ said developer-supplying member; and

a voltage-setting section that sets said charging member to a voltage in accordance with the current.

11. (New) An image forming apparatus, comprising:

a photoconductive body including a surface on which an electrostatic latent image is formed;

a charging member that charges the surface of said photoconductive body;

a developing member that causes developer to adhere to the electrostatic latent image to develop the electrostatic latent image;

a developer-supplying member that supplies the developer to said developing member;

a current measuring section that measures a current flowing through said developing member, the current being measured in timed relation with the development of the electrostatic latent image; and

a voltage-setting section that sets said charging member to a voltage in accordance with the current.

12. (New) The apparatus according to Claim 11,

wherein the current is measured in a non-image forming mode; and

wherein when the current is larger than a predetermined value, said voltage-setting section increases an absolute value of the voltage supplied to said charging member by a predetermined first value.

13. (New) The apparatus according to Claim 11,

wherein the current is measured in a non-image forming mode; and

wherein when the current is larger than a predetermined value, said voltage-setting section either increases an absolute value of the voltage supplied to said charging member by a predetermined first value or decreases by a predetermined second value an absolute value of the voltage supplied to said developing member.

14. (New) An image forming apparatus, comprising:

a photoconductive body including a surface on which an electrostatic latent image is formed;

a charging member that charges the surface of said photoconductive body;

a developing member that causes developer to adhere to the electrostatic latent image to develop the electrostatic latent image;

a developer-supplying member that supplies the developer to said developing member;

a current measuring section that measures a current flowing through at least one of said developing member and said developer-supplying member, the current being measured in timed relation with development of the electrostatic latent image; and

a voltage-setting section that sets said charging member to a voltage in accordance with the current.

15. (New) The apparatus according to Claim 14,

wherein the current is a current flowing through said developing member and is measured in a non-image forming mode; and

wherein when the current is larger than a predetermined value, said voltage-setting section increases an absolute value of the voltage supplied to said charging member by a predetermined first value.

16. (New) The apparatus according to Claim 14,

wherein said current measuring section measures at least one of a first current that flows through said developing member and a second current that flows through said developer-supplying member, the first current and the second current being measured in a non-image forming mode; and

wherein when at least one of the first current and the second current is larger than a predetermined value, said voltage-setting section either increases an absolute value of the voltage supplied to said charging member by a predetermined first value or decreases by a predetermined second value an absolute value of the voltage supplied to said developing member.